

### AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A reaction chamber, comprising:  
a chamber upper wall and a chamber lower wall made of a transparent material which is heat resistant and non-reactive with gases introduced into said chamber;  
wherein said chamber upper wall and said chamber lower wall each comprise two, flat rectangular segments that are slightly out of parallel such that each of said chamber upper wall and said chamber lower wall has a pitch, wherein both an inner surface and an outer surface of each wall have a pitch that points in the same direction as the pitch of the wall, and wherein the, ~~and said~~ pitch ~~of the upper and lower walls~~ point away from each other.
2. (Original) The reaction chamber of Claim 1, further comprising an inlet flange secured at a forward end of said chamber to said upper and lower walls, and an outlet flange secured at a rearward end of said chamber to said upper and lower walls.
3. (Currently amended) The reaction chamber of Claim 1, wherein said ~~pitch~~ pitch ~~of said walls~~ comprises comprise a bend in each of said chamber upper wall and said chamber lower.
4. (Currently amended) The reaction chamber of Claim 1, wherein said pitch ~~of said walls~~ comprises comprise a joint between two rectangular segments.
5. (Original) The reaction chamber of Claim 4, wherein said joint comprises a welded connection which joins said two rectangular segments.
6. (Original) The reaction chamber of Claim 1, wherein each of said upper and lower chamber walls has a thickness ranging between about 4 and about 6 millimeters.
7. (Original) The reaction chamber of Claim 6, wherein said thickness is about 5 millimeters.
8. (Currently amended) The reaction chamber of Claim 1, wherein said pitch of said walls is at least about 13 millimeters.
9. (Currently amended) The reaction chamber of Claim 1, wherein said pitch of said walls is at least about 6% of the width of said chamber.
10. (Original) The reaction chamber of Claim 1, wherein the rectangular segments slope at an angle of less than about 10° with respect to horizontal.

11. (Original) The reaction chamber of Claim 1, wherein the rectangular segments slope at an angle of about  $7^{\circ}$  with respect to horizontal.

12. (Original) The reaction chamber of Claim 1, wherein the rectangular segments slope at an angle with respect to horizontal such that the segments form an interior angle which is slightly less than  $180^{\circ}$ .

13. (Original) The reaction chamber of Claim 1, wherein the chamber width is about 3 times the chamber height.

14. (Original) The reaction chamber of Claim 1, further comprising:

a substrate support provided within said chamber, said substrate support having a central axis around which said substrate support rotates; and

at least one heat source provided outside of said chamber, said heat source being positioned either above or below said chamber.

15-27. Cancelled.

28. (Currently amended) A reaction chamber comprising:

an upper wall, a lower wall and a plurality of side walls configured to process a semiconductor substrate at reduced pressures;

at least one of said upper and lower walls being formed of two flat, angled segments that have surfaces facing an interior of the chamber and that form an interior angle of less than  $180^{\circ}$ , wherein surfaces of the segments that face an exterior of the chamber form an exterior angle of more than  $180^{\circ}$ .

29. (Original) The chamber of Claim 28, wherein the angled segments slope at an angle of less than about  $10^{\circ}$  with respect to horizontal.

30. (Original) The chamber of Claim 29, wherein the angled segments slope at an angle of about  $7^{\circ}$  with respect to horizontal.

31. (Original) The chamber of Claim 28, wherein the chamber width is about 3 times the height of a side wall.

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## **SUMMARY OF INTERVIEW**

### Exhibits and/or Demonstrations

None provided.

### Identification of Claims Discussed

Claims 1 and 28 were discussed.

### Identification of Prior Art Discussed

Mahawili and Kordina were briefly discussed.

### Proposed Amendments

Various general options for claim amendments were discussed. Applicant's representatives agreed to submit amendments for Claims 1 and 28 in the Response.

### Principal Arguments and Other Matters

Distinctions between the claimed segments and the upper and lower walls shown in the references were discussed.

### Results of Interview

Applicant's representatives agreed to submit amendments for Claims 1 and 28 in the Response.